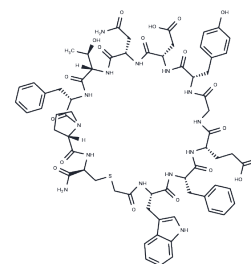


## G7-18NATE

## Chemical Properties

CAS No. :	936728-13-1
Formula:	C67H80N14O19S
Molecular Weight:	1417.5
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	G7-18NATE, a peptide inhibitor of Grb7, exhibits micromolar affinity ( $K_D = 18.1 \mu\text{M}$ ) for binding to the Grb7-SH2 domain. It effectively inhibits cell proliferation, motility, invasion, and 3D culture formation in various cancer cell lines [1] [2].
Targets(IC50)	EGFR
In vitro	G7-18NATE (10 $\mu\text{M}$ , 24 h) inhibits the migration of MDA-MB-468 cells [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7055 mL	3.5273 mL	7.0547 mL
5 mM	0.1411 mL	0.7055 mL	1.4109 mL
10 mM	0.0705 mL	0.3527 mL	0.7055 mL
50 mM	0.0141 mL	0.0705 mL	0.1411 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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